THAT WHICH IS CLAIMED:

- 1. An isolated nucleic acid molecule having a nucleotide sequence for a promoter that is capable of initiating transcription in a plant cell, wherein said nucleotide sequence for said promoter is selected from the group consisting of:
- a) a nucleotide sequence comprising the sequence set forth in SEQ ID NO:5 or SEQ ID NO:6;
- b) a nucleotide sequence selected from the group consisting of the sequences deposited as Patent Deposit No. PTA-2182;
- 10 c) a nucleotide sequence comprising at least 30 contiguous nucleotides of the sequence set forth in SEQ ID NO:5 or SEQ ID NO:6;
 - d) a nucleotide sequence having at least 70% sequence identity to the nucleotide sequence set forth in SEQ ID NO:5 or SEQ ID NO:6;
- a nucleotide sequence having at least 80% sequence identity to the nucleotide sequence set forth in SEQ ID NO:5 or SEQ ID NO:6;
 - f) a nucleotide sequence having at least 90% sequence identity to the nucleotide sequence set forth in SEQ ID NO:5 or SEQ ID NO:6; and
 - g) a nucleotide sequence that hybridizes under stringent conditions to the complement of a sequence of a), b), or c).
 - 2. A DNA construct comprising a nucleotide sequence of claim 1 operably linked to a heterologous nucleotide sequence of interest.
 - 3. A vector comprising the DNA construct of claim 2.
 - 4. A host cell having stably incorporated in its genome the DNA construct of claim 2.
- 5. A method for inducing expression of a heterologous nucleotide sequence in a plant, said method comprising the steps of transforming a plant cell with a DNA construct comprising said heterologous nucleotide sequence operably linked to a

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promoter that is capable of initiating transcription in a plant cell in response to a stimulus, regenerating a stably transformed plant from said plant cell, and exposing said plant to said stimulus, wherein said promoter comprises a nucleotide sequence of claim 1.

- 5 6. The method of claim 5, wherein said plant is a monocot.
 - 7. The method of claim 5, wherein said plant is a dicot.
 - 8. The method of claim 7, wherein said dicot is sunflower.
 - 9. A plant cell stably transformed with a DNA construct comprising a heterologous nucleotide sequence operably linked to a promoter that is capable of initiating transcription in said plant cell, wherein said promoter comprises a nucleotide sequence of claim 1.
 - 10. A plant stably transformed with a DNA construct comprising a heterologous nucleotide sequence operably linked to a promoter that is capable of initiating transcription in a plant cell, wherein said promoter comprises a nucleotide sequence selected from the group consisting of:
 - a) a nucleotide sequence comprising the sequence set forth in SEQ ID NO:5 or SEQ ID NO:6;
 - b) a nucleotide sequence selected from the group consisting of the sequences deposited as Patent Deposit No. PTA-2182;
 - nucleotides of the sequence set forth in SEQ ID NO:5 or SEQ ID NO:6;
 - d) a nucleotide sequence having at least 70% sequence identity to the nucleotide sequence set forth in SEQ ID NO:5 or SEQ ID NO:6;
 - e) a nucleotide sequence having at least 80° o sequence identity to the nucleotide sequence set forth in SEQ ID NO:5 or SEQ ID NO:6;
- f) a nucleotide sequence having at least 90% sequence identity to the nucleotide sequence set forth in SEQ ID NO:5 or SEQ ID NO:6; and

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- a nucleotide sequence that hybridizes under stringent conditions to g) the complement of a sequence of a), b), or c).
 - 11. The plant of claim 10, wherein said plant is a monocot.

- 12. The plant of claim 11, wherein said plant is a dicot.
- 13. The plant of claim 12, wherein dicot is sunflower.
- 10 Transformed seed of the plant of claim 10. 14.
 - 15. An isolated nucleic acid molecule having a nucleotide sequence selected from the group consisting of:
 - a) the sequence set forth in SEQ ID NO:1 or SEQ ID NO:3;
- a nucleotide sequence selected from the group consisting of the 15 b) sequences deposited as Patent Deposit No. PTA-2182;
 - a nucleotide sequence encoding the amino acid sequence set forth c) in SEQ ID NO:2 or SEQ ID NO:4;
- d) a nucleotide sequence encoding the amino acid sequence encoded by a nucleotide sequence deposited as Patent Deposit No. PTA-2182; 20
 - e) a nucleotide sequence comprising at least 16 contiguous nucleotides of a nucleotide sequence of a), b), c), or d);
 - a nucleotide sequence having at least 70% identity with SEQ ID NO:1, wherein said nucleotide sequence encodes a polypeptide having chitinase activity;
 - a nucleotide sequence having at least 80% identity with SEQ ID NO:1, wherein said nucleotide sequence encodes a polypeptide having chitinase activity;
 - h) a nucleotide sequence having at least 90% identity with SEQ ID NO:1, wherein said nucleotide sequence encodes a polypeptide having chitinase activity;
- a nucleotide sequence having at least 70% identity with SEQ ID 30 NO:3, wherein said nucleotide sequence encodes a polypeptide having lipid transfer activity;

i)

- j) a nucleotide sequence having at least 80% identity with SEQ ID NO:3, wherein said nucleotide sequence encodes a polypeptide having lipid transfer activity;
- k) a nucleotide sequence having at least 90% identity with SEQ ID
 NO:3, wherein said nucleotide sequence encodes a polypeptide having lipid transfer activity;
 - l) a nucleotide sequence that hybridizes under stringent conditions to the complement of a sequence of a), b), c), d), or e); and
- m) the complement of a nucleotide sequence of a), b), c), d), e), f), g), 10 h, i), j), k), or l).
 - 16. A DNA construct comprising a nucleotide sequence of claim 15 operably linked to a promoter that drives expression in a plant cell.
- 15 17. A vector comprising the DNA construct of claim 16.
 - 18. A host cell having stably incorporated in its genome the DNA construct of claim 16.
- 20 19. A method for creating or enhancing disease resistance in a plant, said method comprising transforming said plant with a DNA construct comprising a nucleotide sequence operably linked to a promoter that drives expression of a coding sequence in a plant cell and regenerating stably transformed plants, wherein said nucleotide sequence is selected from the nucleotide sequences of claim 15.
 - 20. The method of claim 19, wherein said plant is a dicot.
 - 21. The method of claim 20, wherein said dicot is sunflower.
- The method of claim 19, wherein said promoter is an inducible promoter.

- 23. The method of claim 22 wherein said inducible promoter is selected from the group consisting of promoters for sunflower chitinase and sunflower LTP.
- A plant cell stably transformed with a DNA construct comprising a
 nucleotide sequence operably linked to a promoter that drives expression of a coding sequence in a plant cell, wherein said nucleotide sequence is selected from the nucleotide sequences of claim 15.
- 25. A plant stably transformed with a DNA construct comprising a nucleotide sequence operably linked to a promoter that drives expression of a coding sequence in a plant cell, wherein said nucleotide sequence is selected from the group consisting of:
 - a) the sequence set forth in SEQ ID NO:1 or SEQ ID NO:3;
 - b) a nucleotide sequence selected from the group consisting of the sequences deposited as Patent Deposit No. PTA-2182;
- c) a nucleotide sequence encoding the amino acid sequence set forth in SEQ ID NO:2 or SEQ ID NO:4;
 - d) a nucleotide sequence encoding the amino acid sequence encoded by a nucleotide sequence deposited as Patent Deposit No. PTA-2182;
- e) a nucleotide sequence comprising at least 16 contiguous 20 nucleotides of a nucleotide sequence of a), b), c), or d);
 - f) a nucleotide sequence having at least 70% identity with SEQ ID NO:1, wherein said nucleotide sequence encodes a polypeptide having chitinase activity;
 - g) a nucleotide sequence having at least 80% identity with SEQ ID NO:1, wherein said nucleotide sequence encodes a polypeptide having chitinase activity;
 - h) a nucleotide sequence having at least 90% identity with SEQ ID NO:1, wherein said nucleotide sequence encodes a polypeptide having chitinase activity;
 - i) a nucleotide sequence having at least 70% identity with SEQ ID NO:3, wherein said nucleotide sequence encodes a polypeptide having lipid transfer activity;

- j) a nucleotide sequence having at least 80% identity with SEQ ID NO:3, wherein said nucleotide sequence encodes a polypeptide having lipid transfer activity;
- k) a nucleotide sequence having at least 90% identity with SEQ ID
 NO:3, wherein said nucleotide sequence encodes a polypeptide having lipid transfer activity;
 - l) a nucleotide sequence that hybridizes under stringent conditions to the complement of a sequence of a), b), c), d), or e); and
- m) the complement of a nucleotide sequence of a), b), c), d), e), f), g), 10 h), i), j), k), or l).
 - 26. Transformed seed of the plant of claim 25.
- 27. A substantially purified protein having an amino acid sequence selected from the group consisting of:
 - a) the amino acid sequence set forth in SEQ ID NO:2 or SEQ ID NO:4;
 - b) an amino acid sequence encoded by the nucleotide sequence deposited as Patent Deposit No. PTA-2182;
- 20 c) an amino acid sequence that shares at least 70% sequence identity to the amino acid sequence set forth in SEQ ID NO:2, wherein said amino acid sequence has chitinase activity;
 - d) an amino acid sequence that shares at least 70% sequence identity to the amino acid sequence set forth in SEQ ID NO:4, wherein said amino acid sequence has lipid transfer activity;
 - e) an amino acid sequence encoded by the nucleotide sequence set forth in SEQ ID NO:1 or SEQ ID NO:3; and
 - f) an amino acid sequence encoded by a nucleotide sequence that hybridizes under stringent conditions to the nucleotide sequence set forth in SEQ ID NO:1, wherein said amino acid sequence has chitinase activity; and

- g) an amino acid sequence encoded by a nucleotide sequence that hybridizes under stringent conditions to the nucleotide sequence set forth in SEQ ID NO:3, wherein said amino acid sequence has lipid transfer activity.
- 5 28. A composition comprising the protein of claim 27 and a carrier.
 - 29. The composition of claim 28, wherein said carrier is selected from a surface active agent, an inert carrier, an encapsulating agent, and an agrochemical.
- The composition of claim 28, wherein said carrier is a pharmaceutical carrier.
- 31. A method for controlling a plant pathogen, said method comprising applying an anti-pathogenic amount of the protein of claim 27 to the environment of said pathogen.
 - 32. The method of claim 31 wherein said anti-pathogenic amount of said protein is applied to a plant.
- 20 33. The method of claim 31 wherein said anti-pathogenic amount of said protein is applied by a procedure selected from the group consisting of spraying, dusting, scattering, and seed coating.
- 34. A method for controlling a plant pathogen comprising applying an antipathogenic amount of the composition of claim 28 to the environment of said pathogen.